

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION/RECONSTRUCTION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTIONS OF MD 410 (ETHAN ALLEN AVENUE) AT MD 195 (CARROLL AVENUE)/GRANT AVENUE/SYCAMORE AVENUE AND MD 195 (CARROLL AVENUE) AND MD 410 (PHILADELPHIA AVENUE) IN MONTGOMERY COUNTY, MARYLAND. MD 410 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL REMAIN THE SAME.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED AT THE INTERSECTION OF MD 410 (ETHAN ALLEN AVENUE) AND GRANT AVENUE/SYCAMORE AVENUE. THE EXISTING POLE MOUNTED TERMINAL CABINET WILL BE USED AT THE INTERSECTION OF MD 410 (PHILADELPHIA AVENUE) AND MD 195 (CARROLL AVENUE).

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
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NO EQUIPMENT TO SUPPLIED BY THE SHA.

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8019	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT AS PER ASSIGNMENT
8043	30 L.F.	FURNISH AND INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR WIRE SLEEVE
8076	6 EACH	FURNISH AND INSTALL 12 IN. OPTICALLY PROGRAMMED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8086	2100 L.F.	FURNISH AND INSTALL LOOP WIRE ENCASED IN 1/4 INCH FLEXIBLE TUBING (NO. 14 A.W.G.)
8087	570 L.F.	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.00 - 104.00-30	STANDARD NO. MD-104.45-01 (RIGHT LANE CLOSURE)
STANDARD NO. MD-104.37-01 (LEFT LANE CLOSURE)	STANDARD NO. MD-104.46-01 (CENTER LANE CLOSURE)
STANDARD NO. MD-104.38-01 (RIGHT LANE CLOSURE)	STANDARD NO. MD-104.48-01 (INTERSECTION TURN BAY LANE CLOSURE)
STANDARD NO. MD-104.41-01 (INTERSECTION FAR-RIGHT LANE CLOSURE)	
STANDARD NO. MD-104.44-01 (LEFT LANE CLOSURE)	

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. MAJIB SHAKIB  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (301) 513-7358

MR. RALEIGH MEDLEY  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
PHONE: (301) 513-7304

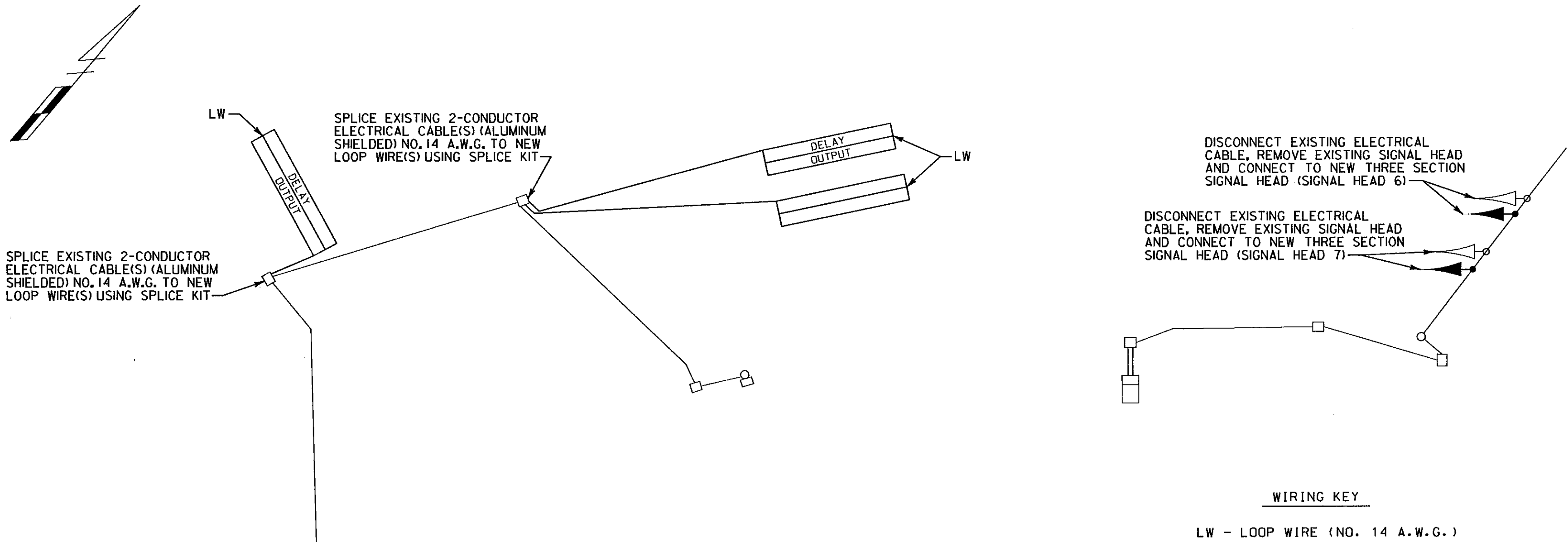
MR. AUGIE REBISH  
DISTRICT UTILITY ENGINEER  
PHONE: (301) 513-7350

MR. RICHARD L. DAFF, SR.  
CHIEF, TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630

PHASE CHART

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

WIRING DIAGRAM



Whitman, Requardt  
and Associates, LLP  
801 South Caroline Street  
Baltimore, Maryland 21231  
(410) 235-3450



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION  
GENERAL INFORMATION SHEET

MD 195 (CARROLL AVE.) @ MD 410 (PHILADELPHIA AVE.)  
AND MD 410 (ETHAN ALLEN AVE.) @ MD 195 (CARROLL  
AVE.)/GRANT AVE./SYCAMORE AVE.-TAKOMA PARK, MD

DRAWN BY: S. BLOSS  
CHECKED BY: N. LEARY  
SCALE: NONE  
DATE: 10/23/2003

F.A.P. NO.  
S.H.A. NO. AT3575185  
COUNTY: MONTGOMERY  
LOG MILE: 15019500.46

TS NO.  
TS-860D  
T.L.M.S. NO.  
F916

SHEET NO.  
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